

**Abstract**

A pressure sensor including: A pressure measuring cell having an end face loadable with the medium; a housing 20 having a media opening 21 and a ring-shaped, axial bearing surface 22, which surrounds the media opening 21; a clamping apparatus 23; and a ring-shaped sealing arrangement 30; wherein the pressure measuring cell is positioned in the housing and the sealing arrangement is positioned between the bearing surface and the end face, and the sealing arrangement 30, as well as the pressure measuring cell, are axially clamped between the bearing surface 22 and the clamping apparatus. The sealing arrangement 30 includes, according to the invention, a decoupling ring, as well as a first 31 and a second 32, ring-shaped sealing element, wherein the first sealing element lies against the end face, the second sealing element lies against the bearing surface, and the decoupling ring is axially clamped between the first and the second sealing elements.

(Fig. 1)